

ENERGY STAR®?

also helps protect the environment by reducing air pollution and global warming associated with energy production.

In addition to appliances, more than 30 product categories, including lighting, home office equipment, heating and cooling equipment, and consumer electronics, feature the ENERGY STAR label. And the list of products continues to grow, making it easier to save money and make a difference at the same time.

BELED APPLIANCES

ROOM AIR CONDITIONERS

ENERGY STAR labeled room air conditioners are at least 10 percent more efficient than conventional models. Replacing a 10-year-old room air conditioner with a new ENERGY STAR labeled model can save up to \$20 annually in electricity, depending on the size of the unit you are replacing.

DISHWASHERS

New ENERGY STAR labeled dishwashers are at least 25 percent more efficient than new conventional models. Replacing a 10-year-old dishwasher with an ENERGY STAR labeled model can save more than \$30 each year in energy costs. These dishwashers also minimize water use and demand on the water heater through innovative design features and controls.

CLOTHES WASHERS

ENERGY STAR qualified clothes washers come in front-loading and top-loading models. Both use less water and energy than standard clothes washers—saving a typical household up to \$93 per year in energy and water costs compared with a 10-year-old conventional model.

For more information, visit www.energystar.gov, or call 1-888-STAR-YES (1-888-782-7937).



UNITED STATES DEPARTMENT OF ENERGY
1000 INDEPENDENCE AVENUE, SW
WASHINGTON DC 20585



UNITED STATES
ENVIRONMENTAL
PROTECTION AGENCY
6202J
WASHINGTON DC 20460

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE \$300
RECYCLED/RECYCLABLE — PRINTED
WITH VEGETABLE OIL BASED INKS ON
RECYCLED PAPER (MINIMUM 50%
POST-CONSUMER CONTENT)

appliances



US Environmental Protection Agency and US Department of Energy
EPA 430F-01-031 October 2001

WHAT IS ENE

ENERGY STAR is a label that identifies energy-efficient products, such as appliances, which meet guidelines set by the US Environmental Protection Agency (EPA) and the US Department of Energy (DOE).

ENERGY STAR labeled products help customers save energy and money without sacrificing performance—one solution to energy supply and cost concerns. ENERGY STAR

ENERGY STAR LABE

ENERGY STAR labeled appliances meet strict energy-efficiency criteria without sacrificing performance or design. Look for refrigerators, room air conditioners, dishwashers, clothes washers, and dehumidifiers that carry the ENERGY STAR label. They're made to fit the style of your home with modern designs and premium features.

REFRIGERATORS

Refrigerators are one of the highest energy-consuming products in your home. Depending on the type of refrigerator and the cost of electricity in your area, ENERGY STAR labeled models can save more than \$35 annually on utility bills.*

DEHUMIDIFIERS

Dehumidifiers reduce the amount of moisture in the air and have become popular appliances in homes across the United States, particularly those with basements. Reduced moisture contributes to a healthy home environment by preventing mold, mildew, and odor. On average, each ENERGY STAR labeled dehumidifier saves more than \$90 over the life of the unit through lower utility bills.*

To locate a store near you that carries ENERGY STAR labeled appliances, use our store locator at www.energystar.gov/consumer. You can even calculate your savings by using the simple savings calculator. Just select "find products," click on "appliances," and choose the item you are interested in.



SAVE ENERGY, SAVE MONEY

When buying an appliance, remember there are TWO price tags: the actual price of the appliance and the energy and water costs you incur monthly to operate it. By incorporating advanced technologies and premium features, ENERGY STAR qualified appliances may help offset initial costs through energy savings over the life of each unit.

By choosing ENERGY STAR qualified appliances, you can save 10 – 50 percent compared with conventional models and even more compared with older models that you may currently own. By replacing your 10-year-old refrigerator, dishwasher, room air conditioner, and clothes washer with ENERGY STAR labeled equipment, you could save about \$140 each year, calculated using the national average electric rate of 8.5¢/kWh.

HELP PROTECT THE ENVIRONMENT

Fossil fuels like coal, petroleum, and natural gas produce most of the energy needed to run appliances. When these fuels are burned, they release pollutants that contribute to smog, acid rain, and global climate change. ENERGY STAR labeled appliances use less energy and can make a real difference to the environment. So in addition to cleaning our clothes and dishes, ENERGY STAR labeled appliances also help prevent pollution. If all consumers were to purchase ENERGY STAR qualified appliances instead of standard models, they'd save almost \$5 billion in energy costs over the next 15 years.

To date, American consumers have purchased more than 630 million ENERGY STAR labeled products. Last year alone, ENERGY STAR helped us save enough energy at peak time to power ten million homes and reduce greenhouse gas emissions equivalent to those of ten million cars.

HOW TO SELECT ENERGY STAR
LABELED APPLIANCES

In addition to the ENERGY STAR label, you can also look for the yellow EnergyGuide label in stores. ENERGY STAR qualified appliances often feature the ENERGY STAR logo directly on the EnergyGuide label. The EnergyGuide indicates how much energy is used to operate each appliance, provides an energy scale for you to compare products, and lists approximate annual operating costs. Your exact costs will depend on local utility rates and the type and source of your energy.

CHANGE TO ENERGY STAR LABELED APPLIANCES



Consider these benefits when replacing old appliances with ENERGY STAR labeled models:

Improved Refrigerators — Some of today's ENERGY STAR labeled refrigerators use less electricity than a 75-watt light bulb. More efficient operation means that newer models are quieter than older versions; redesigned doors provide better insulation to keep food fresher; and deeper doors provide more space for commonly used items.

Cooler Room Air Conditioners — ENERGY STAR labeled room air conditioners feature high-efficiency compressors, fan motors, and heat transfer surfaces. More heat from the air is transferred into the coils than in conventional models, saving energy required to compress the refrigerant.

A room-proportionate air conditioner helps ensure proper temperature adjustments and comfortable humidity levels. When speaking to your sales representative, consider the size of the room, whether it gets heavy sunlight or shade, the amount of traffic through the room, and whether or not the room is a kitchen.

“Smart” Dishwashers — ENERGY STAR labeled dishwashers have “smart” features that minimize water use and demand on the water heater and allow for quieter operation and less pre-rinsing. Construction includes more effective washing action, energy-efficient motors and other advanced technology, such as sensors that determine the length of the wash cycle and the temperature of the water necessary to clean the dishes.

Always be sure to consider factors like how much water the dishwasher uses per cycle. Less water means less cost to operate.

Advanced Clothes Washer Technology — ENERGY STAR labeled clothes washers incorporate high-quality features for improved performance. Gentler operation, more thorough rinsing, and the removal of more water in the spin cycle make washing clothes more convenient and help protect your clothing investment.

Front-loading machines feature washtubs that move clothes horizontally, similar to clothes dryers. Top-loading ENERGY STAR qualified clothes washers use sensor technology to control water temperature and volume, then use high-pressure spray rinses to remove soap from clothes.

Energy-efficient Dehumidifiers — To qualify for the ENERGY STAR label, a dehumidifier with the capacity to remove 10 – 24 liters of water from the air per day must have an Energy Factor of 1.30 or greater.

* These savings are calculated using national average utility rates and are based on replacement of a 10-year-old model with a new ENERGY STAR labeled model.

